


PALM INTRANET

 Day : Thursday
 Date: 5/25/2006
 Time: 11:05:48

Inventor Name Search Result

Your Search was:

 Last Name = CHEN
 First Name = YANYUN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09928257	6961058	150	08/10/2001	MACROSTRUCTURE MODELING WITH MICROSTRUCTURE REFLECTANCE SLICES	CHEN, YANYUN
10017733	6985148	150	12/13/2001	INTERACTIVE WATER EFFECTS USING TEXTURE COORDINATE SHIFTING	CHEN, YANYUN
10622630	Not Issued	71	07/18/2003	Placing feathers on a surface	CHEN, YANYUN
10623425	7042456	150	07/18/2003	MODELING AND RENDERING OF REALISTIC FEATHERS	CHEN, YANYUN
10898435	Not Issued	25	07/23/2004	Shell texture functions	CHEN, YANYUN
11000607	Not Issued	30	12/01/2004	Macrostructure modeling with microstructure reflectance slices	CHEN, YANYUN
11064927	Not Issued	30	02/24/2005	Macrostructure modeling with microstructure reflectance slices	CHEN, YANYUN
11113208	Not Issued	71	04/22/2005	Interactive water effects using texture coordinate shifting	CHEN, YANYUN
11174439	Not Issued	20	07/01/2005	Visual simulation of weathering by y-ton tracing	CHEN, YANYUN
11187507	7050058	150	07/22/2005	INTERACTIVE WATER EFFECTS USING TEXTURE COORDINATE SHIFTING	CHEN, YANYUN
11277935	Not Issued	20	03/29/2006	SHELL RADIANCE TEXTURE FUNCTION	CHEN, YANYUN
11277938	Not Issued	25	03/29/2006	CAPTURING AND RENDERING GEOMETRIC DETAILS	CHEN, YANYUN

Inventor Search Completed: No Records to Display.

Last Name	First Name	
Search Another: Inventor	<input type="text" value="CHEN"/>	<input type="text" value="YANYUN"/>
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Inventor Name Search Result

Your Search was:

 Last Name = GUO
 First Name = BAINING

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09303966	6636633	150	05/03/1999	RENDERING OF PHOTOREALISTIC COMPUTER GRAPHICS IMAGES	GUO, BAINING
09578574	6448973	150	05/25/2000	VIRTUAL TEXTURE	GUO, BAINING
09620533	6871166	150	07/23/2000	KNITWEAR MODELING	GUO, BAINING
09928257	6961058	150	08/10/2001	MACROSTRUCTURE MODELING WITH MICROSTRUCTURE REFLECTANCE SLICES	GUO, BAINING
09979630	6765574	150	03/18/2002	METHODS OF HIERARCHICAL STATIC SCENE SIMPLIFICATION AND POLYGON BUDGETING FOR 3D MODELS	GUO, BAINING
10017733	6985148	150	12/13/2001	INTERACTIVE WATER EFFECTS USING TEXTURE COORDINATE SHIFTING	GUO, BAINING
10056791	6762769	150	01/23/2002	SYSTEM AND METHOD FOR REAL-TIME TEXTURE SYNTHESIS USING PATCH-BASED SAMPLING	GUO, BAINING
10099348	Not Issued	71	03/14/2002	Dialog manager for interactive dialog with computer user	GUO, BAINING
10099673	7019749	150	03/14/2002	CONVERSATIONAL INTERFACE AGENT	GUO, BAINING
10112394	Not Issued	41	03/29/2002	Peek around user interface	GUO, BAINING
10117406	6931601	150	04/03/2002	NOISY OPERATING SYSTEM USER INTERFACE	GUO, BAINING
10283562	6825850	150	10/30/2002	SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION FROM MULTIPLE VIEWS	GUO, BAINING
10295570	Not Issued	95	11/15/2002	SYSTEM AND METHOD FOR FEATURE-BASED LIGHT FIELD MORPHING AND TEXTURE TRANSFER	GUO, BAINING
10299623	Not Issued	41	11/19/2002	System and method for synthesis of bidirectional texture functions on arbitrary surfaces	GUO, BAINING
10328215	Not Issued	71	12/21/2002	System and method for real time lip synchronization	GUO, BAINING
10389122	Not Issued	71	03/14/2003	Visualizing the surface of a liquid	GUO, BAINING
10410730	6782130	150	04/10/2003	RENDERING OF PHOTOREALISTIC COMPUTER GRAPHICS IMAGES	GUO, BAINING
10622630	Not Issued	71	07/18/2003	Placing feathers on a surface	GUO, BAINING
10623425	7042456	150	07/18/2003	MODELING AND RENDERING OF REALISTIC FEATHERS	GUO, BAINING
10661055	Not Issued	71	09/13/2003	Optimized fixed-point mathematical library and graphics functions for a software-implemented	GUO, BAINING

				graphics rendering system and method using a normalized homogenous coordinate system	
<u>10666917</u>	Not Issued	25	09/18/2003	Software-implemented transform and lighting module and pipeline for graphics rendering on embedded platforms using a fixed-point normalized homogenous coordinate system	GUO, BAINING
<u>10684773</u>	Not Issued	83	10/14/2003	Geometry-driven feature point-based image synthesis	GUO, BAINING
<u>10698792</u>	Not Issued	93	10/31/2003	SYNTHESIS OF PROGRESSIVELY-VARIANT TEXTURES AND APPLICATION TO ARBITRARY SURFACES	GUO, BAINING
<u>10698909</u>	Not Issued	30	10/31/2003	View dependent displacement mapping	GUO, BAINING
<u>10850653</u>	Not Issued	20	05/21/2004	Knitwear modeling	GUO, BAINING
<u>10875741</u>	6985156	150	06/23/2004	SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION FROM MULTIPLE VIEWS	GUO, BAINING
<u>10882926</u>	Not Issued	30	06/30/2004	Dynamic player groups for interest management in multi-character virtual environments	GUO, BAINING
<u>10898435</u>	Not Issued	25	07/23/2004	Shell texture functions	GUO, BAINING
<u>10911394</u>	Not Issued	30	08/04/2004	Mesh editing with gradient field manipulation and user interactive tools for object merging	GUO, BAINING
<u>10918840</u>	Not Issued	30	08/13/2004	Perceptually based approach for planar shape morphing	GUO, BAINING
<u>10965603</u>	Not Issued	30	10/13/2004	Real-time texture rendering using generalized displacement maps	GUO, BAINING
<u>10983193</u>	6999095	150	11/05/2004	SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION FROM MULTIPLE VIEWS	GUO, BAINING
<u>10990142</u>	Not Issued	30	11/15/2004	System and method for generating generalized displacement maps from mesostructure geometries	GUO, BAINING
<u>10990244</u>	Not Issued	30	11/15/2004	Optimizing real-time rendering of texture mapped object models relative to adjustable distortion thresholds	GUO, BAINING
<u>10995986</u>	6980936	150	11/20/2004	KNITWEAR MODELING	GUO, BAINING
<u>11000607</u>	Not Issued	30	12/01/2004	Macrostructure modeling with microstructure reflectance slices	GUO, BAINING
<u>11003814</u>	Not Issued	30	12/02/2004	Stretch-driven mesh parameterization using spectral analysis	GUO, BAINING
<u>11045868</u>	Not Issued	30	01/28/2005	Decorating surfaces with textures	GUO, BAINING
<u>11064927</u>	Not Issued	30	02/24/2005	Macrostructure modeling with microstructure reflectance slices	GUO, BAINING
<u>11113208</u>	Not Issued	71	04/22/2005	Interactive water effects using texture coordinate shifting	GUO, BAINING
<u>11132166</u>	Not Issued	20	05/18/2005	River Modeling	GUO, BAINING
<u>11147921</u>	Not Issued	20	06/08/2005	Pre-computed shadow fields	GUO, BAINING
<u>11156988</u>	Not Issued	20	06/20/2005	Radiometric calibration from a single image	GUO, BAINING
<u>11157657</u>	Not Issued	30	06/21/2005	Texture montage	GUO, BAINING

<u>11158428</u>	Not Issued	20	06/22/2005	Large mesh deformation using the volumetric graph laplacian	GUO, BAINING
<u>11166559</u>	Not Issued	20	06/24/2005	Representing quasi-homogenous materials	GUO, BAINING
<u>11174439</u>	Not Issued	20	07/01/2005	Visual simulation of weathering by y-ton tracing	GUO, BAINING
<u>11187507</u>	7050058	150	07/22/2005	INTERACTIVE WATER EFFECTS USING TEXTURE COORDINATE SHIFTING	GUO, BAINING
<u>11188955</u>	Not Issued	20	07/25/2005	Noisy operating system user interface	GUO, BAINING
<u>11189491</u>	Not Issued	20	07/25/2005	Real-time rendering of partially translucent objects	GUO, BAINING

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Inventor Name Search Result

Your Search was:

 Last Name = GUO
 First Name = BAINING

Application#	Patent#	Status	Date Filed	Title	Inventor Name
11192639	Not Issued	30	07/28/2005	System and process for optimal texture map reconstruction from multiple views	GUO, BAINING
11196893	Not Issued	20	08/04/2005	Conversational interface agent	GUO, BAINING
11240878	Not Issued	41	09/30/2005	Synthesis of progressively-variant textures and application to arbitrary surfaces	GUO, BAINING
11276931	Not Issued	25	03/17/2006	Surface Detail Rendering Using Leap Textures	GUO, BAINING
11277935	Not Issued	20	03/29/2006	SHELL RADIANCE TEXTURE FUNCTION	GUO, BAINING
11277938	Not Issued	25	03/29/2006	CAPTURING AND RENDERING GEOMETRIC DETAILS	GUO, BAINING
11384063	Not Issued	25	03/17/2006	Single-image vignetting correction	GUO, BAINING
60577775	Not Issued	159	06/08/2004	Iso charts stretch driven mesh parameterization using spectral analysis	GUO, BAINING
60580780	Not Issued	159	06/18/2004	Real-time texture rendering using generalized displacement maps	GUO, BAINING
60753802	Not Issued	20	12/23/2005	Single-image vignetting correction	GUO, BAINING

Inventor Search Completed: No Records to Display.

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PALM INTRANET

 Day : Thursday
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Inventor Name Search Result

Your Search was:

 Last Name = XU
 First Name = YING-QING

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09482285</u>	<u>6593933</u>	150	01/13/2000	BLOCK-BASED SYNTHESIS OF TEXTURE IN COMPUTER RENDERED IMAGES	XU, YING-QING
<u>09483139</u>	<u>6532014</u>	150	01/13/2000	CLOTH ANIMATION MODELING	XU, YING-QING
<u>09505227</u>	<u>6674918</u>	150	02/16/2000	IMAGE SYNTHESIS BY ILLUMINATING A VIRTUAL DEVIATION-MAPPED SURFACE	XU, YING-QING
<u>09578574</u>	<u>6448973</u>	150	05/25/2000	VIRTUAL TEXTURE	XU, YING-QING
<u>09620533</u>	<u>6871166</u>	150	07/23/2000	KNITWEAR MODELING	XU, YING-QING
<u>09928257</u>	<u>6961058</u>	150	08/10/2001	MACROSTRUCTURE MODELING WITH MICROSTRUCTURE REFLECTANCE SLICES	XU, YING-QING
<u>10017733</u>	<u>6985148</u>	150	12/13/2001	INTERACTIVE WATER EFFECTS USING TEXTURE COORDINATE SHIFTING	XU, YING-QING
<u>10056791</u>	<u>6762769</u>	150	01/23/2002	SYSTEM AND METHOD FOR REAL-TIME TEXTURE SYNTHESIS USING PATCH-BASED SAMPLING	XU, YING-QING
<u>10353102</u>	Not Issued	30	01/27/2003	Learning-based system and process for synthesizing cursive handwriting	XU, YING-QING
<u>10622630</u>	Not Issued	71	07/18/2003	Placing feathers on a surface	XU, YING-QING
<u>10623425</u>	<u>7042456</u>	150	07/18/2003	MODELING AND RENDERING OF REALISTIC FEATHERS	XU, YING-QING
<u>10796736</u>	Not Issued	30	03/08/2004	System and method for image and video segmentation by anisotropic kernel mean shift	XU, YING-QING
<u>10812754</u>	Not Issued	30	03/29/2004	Caricature exaggeration	XU, YING-QING
<u>10814851</u>	Not Issued	30	03/31/2004	Stylization of video	XU, YING-QING
<u>10850653</u>	Not Issued	20	05/21/2004	Knitwear modeling	XU, YING-QING
<u>10932555</u>	Not Issued	41	09/01/2004	Adaptive color schemes	XU, YING-QING
<u>10957037</u>	Not Issued	30	10/01/2004	Presentation facilitation	XU, YING-QING
<u>10995986</u>	<u>6980936</u>	150	11/20/2004	KNITWEAR MODELING	XU, YING-QING
<u>10997401</u>	<u>7039216</u>	150	11/24/2004	AUTOMATIC SKETCH GENERATION	XU, YING-QING
<u>11000607</u>	Not Issued	30	12/01/2004	Macrostructure modeling with microstructure reflectance slices	XU, YING-QING
<u>11064927</u>	Not Issued	30	02/24/2005	Macrostructure modeling with microstructure reflectance slices	XU, YING-QING

<u>11113208</u>	Not Issued	71	04/22/2005	Interactive water effects using texture coordinate shifting	XU, YING-QING
<u>11166444</u>	Not Issued	20	06/24/2005	Inserting advertising content into video programming	XU, YING-QING
<u>11187507</u>	<u>7050058</u>	150	07/22/2005	INTERACTIVE WATER EFFECTS USING TEXTURE COORDINATE SHIFTING	XU, YING-QING
<u>11323358</u>	Not Issued	25	12/30/2005	Non-photorealistic sketching	XU, YING-QING
<u>11355634</u>	Not Issued	20	02/15/2006	Generation of contextual image-containing advertisements	XU, YING-QING
<u>60732384</u>	Not Issued	20	11/01/2005	Sketching reality	XU, YING-QING

Inventor Search Completed: No Records to Display.

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Day : Thursday
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Inventor Name Search Result

Your Search was:

Last Name = SHUM
 First Name = HEUNG-YEUNG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
08904921	5987164	150	08/01/1997	BLOCK ADJUSTMENT METHOD AND APPARATUS FOR CONSTRUCTION OF IMAGE MOSAICS	SHUM, HEUNG-YEUNG
08904922	6157747	150	08/01/1997	3-DIMENSIONAL IMAGE ROTATION METHOD AND APPARATUS FOR PRODUCING IMAGE MOSAICS	SHUM, HEUNG-YEUNG
08905023	6097854	150	08/01/1997	IMAGE MOSAIC CONSTRUCTION SYSTEM AND APPARATUS WITH PATCH-BASED ALIGNMENT, GLOBAL BLOCK ADJUSTMENT AND PAIR-WISE MOTION-BASED LOCAL WARPING	SHUM, HEUNG-YEUNG
08905099	6009190	150	08/01/1997	TEXTURE MAP CONSTRUCTION METHOD AND APPARATUS FOR DISPLAYING PANORAMIC IMAGE MOSAICS	SHUM, HEUNG-YEUNG
08905100	6018349	150	08/01/1997	PATCH-BASED ALIGNMENT METHOD AND APPARATUS FOR CONSTRUCTION OF IMAGE MOSAICS	SHUM, HEUNG-YEUNG
08905102	6044181	150	08/01/1997	FOCAL LENGTH ESTIMATION METHOD AND APPARATUS FOR CONSTRUCTION OF PANORAMIC MOSAIC IMAGES	SHUM, HEUNG-YEUNG
08905103	5986668	150	08/01/1997	DEGHOSTING METHOD AND APPARATUS FOR CONSTRUCTION OF IMAGE MOSAICS	SHUM, HEUNG-YEUNG
09099097	6246412	150	06/18/1998	INTERACTIVE CONSTRUCTION AND REFINEMENT OF 3D MODELS FROM MULTIPLE PANORAMIC IMAGES	SHUM, HEUNG-YEUNG
09099098	6271855	150	06/18/1998	INTERACTIVE CONSTRUCTION OF 3D MODELS FROM PANORAMIC IMAGES EMPLOYING HARD AND SOFT CONSTRAINT CHARACTERIZATION AND DECOMPOSING TECHNIQUES	SHUM, HEUNG-YEUNG
09099161	6084592	150	06/18/1998	INTERACTIVE CONSTRUCTION OF 3D MODELS FROM PANORAMIC IMAGES	SHUM, HEUNG-YEUNG
09160311	6469710	150	09/25/1998	INVERSE TEXTURE MAPPING USING WEIGHTED PYRAMID BLENDING	SHUM, HEUNG-YEUNG
09160898	6271847	150	09/25/1998	INVERSE TEXTURE MAPPING USING WEIGHTED PYRAMID BLENDING AND VIEW-DEPENDENT WEIGHT MAPS	SHUM, HEUNG-YEUNG
09222488	Not Issued	164	12/28/1998	RENDERING WITH CONCENTRIC MOSAICS	SHUM, HEUNG-YEUNG
09309753	6750860	150	05/11/1999	RENDERING WITH CONCENTRIC MOSAICS	SHUM, HEUNG-YEUNG
09336218	6661913	150	06/19/1999	SYSTEM AND METHOD FOR DETERMINING STRUCTURE AND MOTION USING MULTIPLE SETS OF IMAGES FROM DIFFERENT PROJECTION MODELS FOR OBJECT MODELING	SHUM, HEUNG-YEUNG

09336550	6614429	150	06/19/1999	SYSTEM AND METHOD FOR DETERMINING STRUCTURE AND MOTION FROM TWO-DIMENSIONAL IMAGES FOR MULTI-RESOLUTION OBJECT MODELING	SHUM, HEUNG-YEUNG
09338176	Not Issued	80	06/22/1999	METHOD AND APPARATUS FOR RECOVERING A THREE-DIMENSIONAL SCENE FROM TWO-DIMENSIONAL IMAGES	SHUM, HEUNG-YEUNG
09399426	6639596	150	09/20/1999	STEREO RECONSTRUCTION FROM MULTIPERSPECTIVE PANORAMAS	SHUM, HEUNG-YEUNG
09471678	6476805	150	12/23/1999	TECHNIQUES FOR SPATIAL DISPLACEMENT ESTIMATION AND MULTI-RESOLUTION OPERATIONS ON LIGHT FIELDS	SHUM, HEUNG-YEUNG
09471932	6502097	150	12/23/1999	DATA STRUCTURE FOR EFFICIENT ACCESS TO VARIABLE-SIZE DATA OBJECTS	SHUM, HEUNG-YEUNG
09482285	6593933	150	01/13/2000	BLOCK-BASED SYNTHESIS OF TEXTURE IN COMPUTER RENDERED IMAGES	SHUM, HEUNG-YEUNG
09483139	6532014	150	01/13/2000	CLOTH ANIMATION MODELING	SHUM, HEUNG-YEUNG
09506148	6674907	150	02/17/2000	COLOR IMAGE QUANTIZATION USING A HIERARCHICAL COLOR PERCEPTION MODEL	SHUM, HEUNG-YEUNG
09536485	6643413	150	03/27/2000	MANIFOLD MOSAIC HOPPING FOR IMAGE-BASED RENDERING	SHUM, HEUNG-YEUNG
09538067	6738533	150	03/29/2000	MINIMUM SAMPLING RATE AND MINIMUM SAMPLING CURVE FOR IMAGE-BASED RENDERING	SHUM, HEUNG-YEUNG
09560828	Not Issued	164	04/28/2000	METHOD AND SYSTEM FOR RENDERING CONCENTRIC MOSAICS	SHUM, HEUNG-YEUNG
09578574	6448973	150	05/25/2000	VIRTUAL TEXTURE	SHUM, HEUNG-YEUNG
09606857	Not Issued	93	06/28/2000	SCENE CAPTURING AND VIEW RENDERING BASED ON A LONGITUDINALLY ALIGNED CAMERA ARRAY	SHUM, HEUNG-YEUNG
09620533	6871166	150	07/23/2000	KNITWEAR MODELING	SHUM, HEUNG-YEUNG
09724207	6757446	150	11/27/2000	SYSTEM AND PROCESS FOR IMAGE-BASED RELATIVISTIC RENDERING	SHUM, HEUNG-YEUNG
09754101	6633317	150	01/02/2001	IMAGE-BASED WALKTHROUGH SYSTEM AND PROCESS EMPLOYING SPATIAL VIDEO STREAMING	SHUM, HEUNG-YEUNG
09754660	6760026	150	01/02/2001	IMAGE-BASED VIRTUAL REALITY PLAYER WITH INTEGRATED 3D GRAPHICS OBJECTS	SHUM, HEUNG-YEUNG
09844549	6888893	150	04/28/2001	SYSTEM AND PROCESS FOR BROADCAST AND COMMUNICATION WITH VERY LOW BIT-RATE BI-LEVEL OR SKETCH VIDEO	SHUM, HEUNG-YEUNG
09894435	Not Issued	61	06/28/2001	System and method for prefetching of content using continual computation leveraging forecasts of users' trajectories or foci of attention through geometric spaces	SHUM, HEUNG-YEUNG
09928257	6961058	150	08/10/2001	MACROSTRUCTURE MODELING WITH MICROSTRUCTURE REFLECTANCE SLICES	SHUM, HEUNG-YEUNG
09996323	6845171	150	11/19/2001	AUTOMATIC SKETCH GENERATION	SHUM, HEUNG-YEUNG
10017733	6985148	150	12/13/2001	INTERACTIVE WATER EFFECTS USING TEXTURE COORDINATE SHIFTING	SHUM, HEUNG-YEUNG
10056791	6762769	150	01/23/2002	SYSTEM AND METHOD FOR REAL-TIME TEXTURE SYNTHESIS USING PATCH-BASED SAMPLING	SHUM, HEUNG-YEUNG

<u>10099348</u>	Not Issued	71	03/14/2002	Dialog manager for interactive dialog with computer user	SHUM, HEUNG-YEUNG
<u>10099673</u>	7019749	150	03/14/2002	CONVERSATIONAL INTERFACE AGENT	SHUM, HEUNG-YEUNG
<u>10283562</u>	6825850	150	10/30/2002	SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION FROM MULTIPLE VIEWS	SHUM, HEUNG-YEUNG
<u>10285138</u>	Not Issued	95	10/30/2002	DATA STRUCTURE FOR EFFICIENT ACCESS TO VARIABLE-SIZE DATA OBJECTS	SHUM, HEUNG-YEUNG
<u>10295570</u>	Not Issued	95	11/15/2002	SYSTEM AND METHOD FOR FEATURE-BASED LIGHT FIELD MORPHING AND TEXTURE TRANSFER	SHUM, HEUNG-YEUNG
<u>10299623</u>	Not Issued	41	11/19/2002	System and method for synthesis of bidirectional texture functions on arbitrary surfaces	SHUM, HEUNG-YEUNG
<u>10328215</u>	Not Issued	71	12/21/2002	System and method for real time lip synchronization	SHUM, HEUNG-YEUNG
<u>10353102</u>	Not Issued	30	01/27/2003	Learning-based system and process for synthesizing cursive handwriting	SHUM, HEUNG-YEUNG
<u>10622630</u>	Not Issued	71	07/18/2003	Placing feathers on a surface	SHUM, HEUNG-YEUNG
<u>10623425</u>	7042456	150	07/18/2003	MODELING AND RENDERING OF REALISTIC FEATHERS	SHUM, HEUNG-YEUNG
<u>10660819</u>	Not Issued	30	09/09/2003	System and process for generating representations of objects using a directional histogram model and matrix descriptor	SHUM, HEUNG-YEUNG
<u>10684773</u>	Not Issued	83	10/14/2003	Geometry-driven feature point-based image synthesis	SHUM, HEUNG-YEUNG

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Inventor Name Search Result

Your Search was:

Last Name = SHUM

First Name = HEUNG-YEUNG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10687098	Not Issued	61	10/15/2003	Bi-scale radiance transfer	SHUM, HEUNG-YEUNG
10698792	Not Issued	93	10/31/2003	SYNTHESIS OF PROGRESSIVELY-VARIANT TEXTURES AND APPLICATION TO ARBITRARY SURFACES	SHUM, HEUNG-YEUNG
10698909	Not Issued	30	10/31/2003	View dependent displacement mapping	SHUM, HEUNG-YEUNG
10809167	Not Issued	30	03/23/2004	Radiometric calibration from a single image	SHUM, HEUNG-YEUNG
10812754	Not Issued	30	03/29/2004	Caricature exaggeration	SHUM, HEUNG-YEUNG
10814851	Not Issued	30	03/31/2004	Stylization of video	SHUM, HEUNG-YEUNG
10817008	Not Issued	30	04/01/2004	Digital cameras with luminance correction	SHUM, HEUNG-YEUNG
10817471	Not Issued	30	04/01/2004	Generic image hallucination	SHUM, HEUNG-YEUNG
10817516	Not Issued	30	04/01/2004	Pop-up light field	SHUM, HEUNG-YEUNG
10817633	Not Issued	30	04/01/2004	Luminance correction	SHUM, HEUNG-YEUNG
10850653	Not Issued	20	05/21/2004	Knitwear modeling	SHUM, HEUNG-YEUNG
10875741	6985156	150	06/23/2004	SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION FROM MULTIPLE VIEWS	SHUM, HEUNG-YEUNG
10882926	Not Issued	30	06/30/2004	Dynamic player groups for interest management in multi-character virtual environments	SHUM, HEUNG-YEUNG
10898435	Not Issued	25	07/23/2004	Shell texture functions	SHUM, HEUNG-YEUNG
10901477	Not Issued	30	07/27/2004	System and method for interactive multi-view video	SHUM, HEUNG-YEUNG
10911394	Not Issued	30	08/04/2004	Mesh editing with gradient field manipulation and user interactive tools for object merging	SHUM, HEUNG-YEUNG
10912923	Not Issued	30	08/06/2004	Systems and methods for image data separation	SHUM, HEUNG-YEUNG
10918840	Not Issued	30	08/13/2004	Perceptually based approach for planar shape morphing	SHUM, HEUNG-YEUNG
10931769	Not Issued	30	08/31/2004	System and process for broadcast and communication with very low bit-rate bi-level or sketch video	SHUM, HEUNG-YEUNG
10932555	Not Issued	41	09/01/2004	Adaptive color schemes	SHUM, HEUNG-YEUNG
10951272	7061489	150	09/27/2004	PRECOMPUTED RADIANCE TRANSFER FOR RENDERING OBJECTS	SHUM, HEUNG-YEUNG

10957037	Not Issued	30	10/01/2004	Presentation facilitation	SHUM, HEUNG-YEUNG
10965603	Not Issued	30	10/13/2004	Real-time texture rendering using generalized displacement maps	SHUM, HEUNG-YEUNG
10970233	Not Issued	30	10/21/2004	Scene capturing and view rendering based on a longitudinally aligned camera array	SHUM, HEUNG-YEUNG
10970511	Not Issued	30	10/21/2004	Scene capturing and view rendering based on a longitudinally aligned camera array	SHUM, HEUNG-YEUNG
10972645	Not Issued	30	10/25/2004	Method and system for rendering concentric mosaics	SHUM, HEUNG-YEUNG
10983193	6999095	150	11/05/2004	SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION FROM MULTIPLE VIEWS	SHUM, HEUNG-YEUNG
10990142	Not Issued	30	11/15/2004	System and method for generating generalized displacement maps from mesostructure geometries	SHUM, HEUNG-YEUNG
10990244	Not Issued	30	11/15/2004	Optimizing real-time rendering of texture mapped object models relative to adjustable distortion thresholds	SHUM, HEUNG-YEUNG
10995986	6980936	150	11/20/2004	KNITWEAR MODELING	SHUM, HEUNG-YEUNG
10997401	7039216	150	11/24/2004	AUTOMATIC SKETCH GENERATION	SHUM, HEUNG-YEUNG
11000607	Not Issued	30	12/01/2004	Macrostructure modeling with microstructure reflectance slices	SHUM, HEUNG-YEUNG
11045868	Not Issued	30	01/28/2005	Decorating surfaces with textures	SHUM, HEUNG-YEUNG
11051901	Not Issued	30	02/04/2005	System and process for broadcast and communication with very low bit-rate bi-level or sketch video	SHUM, HEUNG-YEUNG
11064927	Not Issued	30	02/24/2005	Macrostructure modeling with microstructure reflectance slices	SHUM, HEUNG-YEUNG
11113208	Not Issued	71	04/22/2005	Interactive water effects using texture coordinate shifting	SHUM, HEUNG-YEUNG
11132865	Not Issued	20	05/19/2005	Detecting doctored images using camera response normality and consistency	SHUM, HEUNG-YEUNG
11147921	Not Issued	20	06/08/2005	Pre-computed shadow fields	SHUM, HEUNG-YEUNG
11156988	Not Issued	20	06/20/2005	Radiometric calibration from a single image	SHUM, HEUNG-YEUNG
11157657	Not Issued	30	06/21/2005	Texture montage	SHUM, HEUNG-YEUNG
11158113	Not Issued	20	06/21/2005	Image completion with structure propagation	SHUM, HEUNG-YEUNG
11158428	Not Issued	20	06/22/2005	Large mesh deformation using the volumetric graph laplacian	SHUM, HEUNG-YEUNG
11166559	Not Issued	20	06/24/2005	Representing quasi-homogenous materials	SHUM, HEUNG-YEUNG
11173882	Not Issued	20	07/01/2005	Video object cut and paste	SHUM, HEUNG-YEUNG
11173892	Not Issued	30	07/01/2005	Generating Chinese language couples	SHUM, HEUNG-YEUNG
11174439	Not Issued	20	07/01/2005	Visual simulation of weathering by y-ton tracing	SHUM, HEUNG-YEUNG
11183226	Not Issued	20	07/15/2005	Poisson matting for images	SHUM, HEUNG-YEUNG
11187507	7050058	150	07/22/2005	INTERACTIVE WATER EFFECTS USING	SHUM, HEUNG-YEUNG

TEXTURE COORDINATE SHIFTING					
11189491	Not Issued	20	07/25/2005	Real-time rendering of partially translucent objects	SHUM, HEUNG-YEUNG
11192639	Not Issued	30	07/28/2005	System and process for optimal texture map reconstruction from multiple views	SHUM, HEUNG-YEUNG

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
11196893	Not Issued	20	08/04/2005	Conversational interface agent	SHUM, HEUNG-YEUNG
11240878	Not Issued	41	09/30/2005	Synthesis of progressively-variant textures and application to arbitrary surfaces	SHUM, HEUNG-YEUNG
11277935	Not Issued	20	03/29/2006	SHELL RADIANCE TEXTURE FUNCTION	SHUM, HEUNG-YEUNG
11277938	Not Issued	25	03/29/2006	CAPTURING AND RENDERING GEOMETRIC DETAILS	SHUM, HEUNG-YEUNG
11289907	Not Issued	20	11/30/2005	Symmetric stereo model for handling occlusion	SHUM, HEUNG-YEUNG
11290135	Not Issued	30	11/30/2005	Real-time Bayesian 3D pose tracking	SHUM, HEUNG-YEUNG
11323007	Not Issued	20	12/30/2005	Data structure for efficient access to variable-size data objects	SHUM, HEUNG-YEUNG
11323358	Not Issued	25	12/30/2005	Non-photorealistic sketching	SHUM, HEUNG-YEUNG
11380635	Not Issued	25	04/27/2006	Bi-Directional Tracking Using Trajectory Segment Analysis	SHUM, HEUNG-YEUNG
60132607	Not Issued	159	05/05/1999	MULTI-RESOLUTION OBJECT MODELING SYSTEM AND METHOD FOR DETERMINING STRUCTURE AND MOTION FROM TWO-DIMENSIONAL IMAGES	SHUM, HEUNG-YEUNG
60260103	Not Issued	159	01/05/2001	System and process for broadcast and communication with very low bit rate bi-level video	SHUM, HEUNG-YEUNG
60344184	Not Issued	159	12/28/2001	Conversational interface agent	SHUM, HEUNG-YEUNG
60344289	Not Issued	159	12/28/2001	Dialog manager for interactive dialog with computer user	SHUM, HEUNG-YEUNG
60478689	Not Issued	159	06/13/2003	System and process for generating representations of 3D objects using a directional histogram model and matrix descriptor	SHUM, HEUNG-YEUNG
60580780	Not Issued	159	06/18/2004	Real-time texture rendering using generalized displacement maps	SHUM, HEUNG-YEUNG
60727024	Not Issued	20	10/13/2005	Automatic 3D face modeling from video	SHUM, HEUNG-YEUNG
60727119	Not Issued	20	10/14/2005	Bi-directional tracking using trajectory analysis	SHUM, HEUNG-YEUNG
60732384	Not Issued	20	11/01/2005	Sketching reality	SHUM, HEUNG-YEUNG
60743024	Not Issued	19	12/09/2005	Background Cut	SHUM, HEUNG-YEUNG
60743367	Not Issued	20	02/28/2006	Background Cut	SHUM, HEUNG-YEUNG
60743503	Not	20	03/16/2006	Digital Effects for Online Video Chat	SHUM, HEUNG-YEUNG

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